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Interferon Alfa-N1

National Cancer Institute

Source

National Cancer Institute. *Interferon Alfa-N1*. NCI Thesaurus. Code C2220.

A highly purified alpha interferon produced by a human lymphoid cell line. Interferon alpha-n1 consists of multiple alpha interferon subtypes, at least two of which are glycosylated. In contrast, recombinant alpha interferons are individual non-glycosylated proteins produced from individual alpha interferon genes. Alpha interferons bind to specific cell-surface receptors, resulting in the transcription and translation of genes whose proteins have antiviral, antiproliferative, anticancer, and immune-modulating effects. (NCI04)